



CINCINNATI
STREETCAR™

MONTHLY REPORT

June 2015

REFERENCES

- For background information on the Cincinnati Streetcar, please go to <http://www.cincinnati-oh.gov/streetcar/>
- For previous months' reports, please go to <http://www.cincinnati-oh.gov/streetcar/documents-references/>
- For an archive of weekly progress updates, please go to <http://www.cincinnati-oh.gov/streetcar/news/>



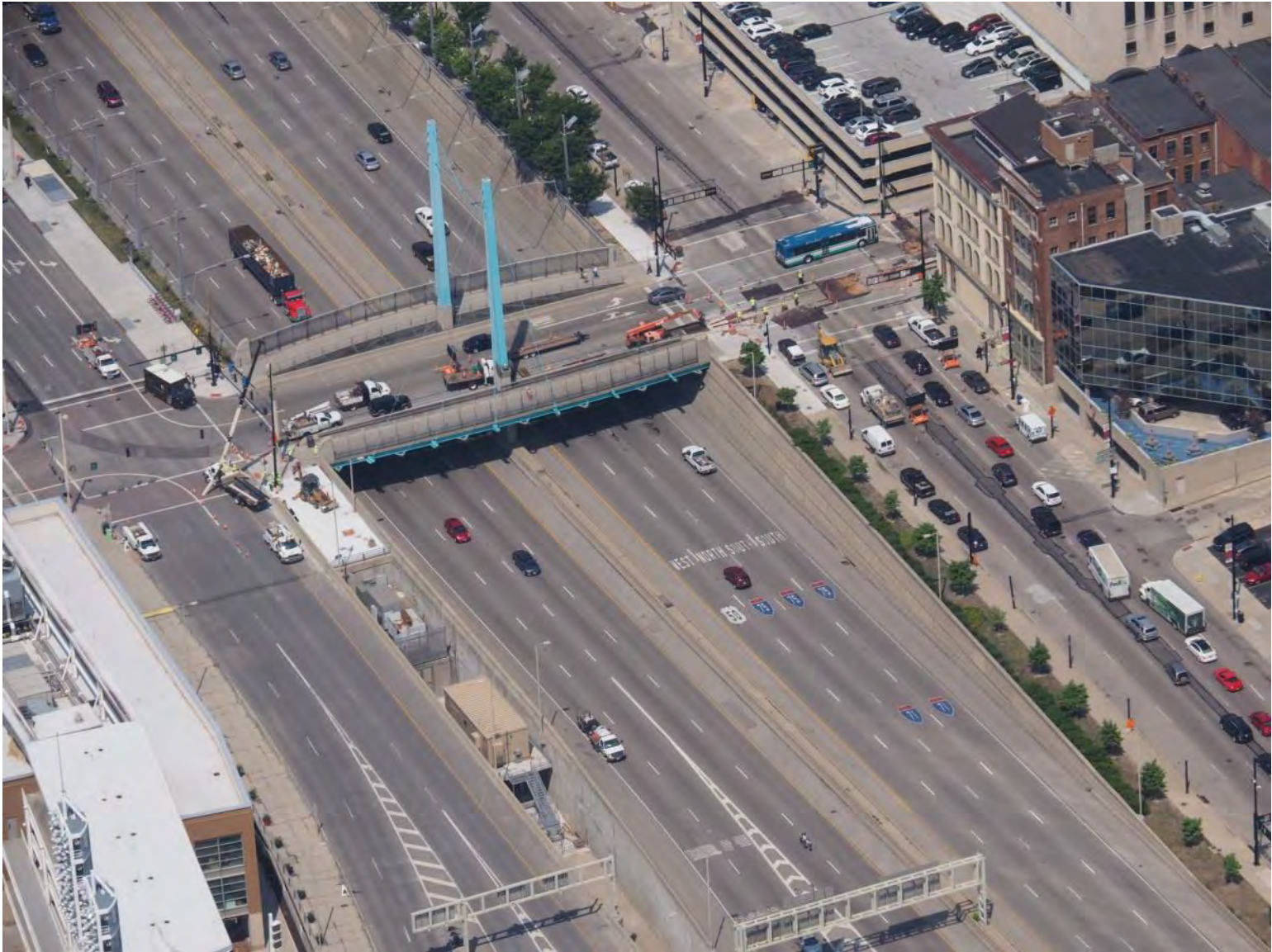
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ACRONYMS

CFD	Cincinnati Fire Department
CPD	Cincinnati Police Department
CBD	Central Business District
DBE	Disadvantaged Business Enterprises
FAI	First Article Inspection
FLSSC	Fire Life Safety and Security Committee
FTA	Federal Transit Administration
MOF	Maintenance And Operations Facility
MPD	Messer, Prus, Delta Rail Joint Venture
OCS	Overhead Contact System
ODOT	Ohio Department of Transportation
OUPS	Ohio Utility Protection Service
PMOC	Project Management Oversight Consultant (FTA's)
SORTA	Southwest Ohio Regional Transit Authority
SSRC	Safety and Security Review Committee
TANK	Transit Authority of Northern Kentucky
TPSS	Traction Power Substation
TVM	Ticket Vending Machine
WTM	Wheel Truing Machine

PROGRESS SUMMARY



Installation of poles at Second and Main Sts. and track crossing Main St. at Third St.

PROGRESS SUMMARY

- Civil construction has continued within schedule to start operations in September 2016. The project has continued to be within budget.
- The project team continues to monitor the construction contract to ensure compliance with federal Disadvantaged Business Enterprise (DBE) requirements.
- The Administration remains concerned with CAF's progress toward delivery of the streetcar vehicles by the contract milestone date. The project team continues to work closely with LTK, the City's engineering consultant, and CAF to facilitate efforts to recover time in the production schedule and monitors progress closely through on-site inspection and weekly progress calls.
- Utility replacement and relocation construction, both under the City's contract with Messer-Prus-Delta Rail Joint Venture (MPD) and through third party utilities is virtually complete and projected to be within their respective budgets.



PROGRESS SUMMARY

- There were no Lost Time Accidents in June, bringing the total worked without one to 147,359 hrs.
- With all track installation complete and sidewalks restored on Walnut St., MPD completed milling and resurfacing on that street from Central Parkway to Third St. in June. The project team made completing this work prior to the July All Star Game a major goal to help the city to look sharp for the festivities.
- Trackwork continued to make good progress on Main St, Third to Fourth Sts. and Sixth to Eighth Sts.
- Various project electrical work continued including traffic signals on both Walnut and Main Sts., lighting at the CBD shelter stops and snowmelter cabinet work for the track switches on Race St., Henry to Twelfth Sts.
- Progress on the OCS system included wire bracket and arm installation on Twelfth St., Main to Elm Sts. and testing of TPSS #3.



2.1 CONSTRUCTION CONTRACT SCHEDULE

- Maintenance and Operations Facility (MOF) and test track completion – March 21, 2015 (Achieved)
- Over-The-Rhine Loop Completion – July 19, 2015 (On schedule)
- Completion of all work – April 4, 2016 (On schedule)
- Revenue Service start – September 15, 2016 (On schedule - unchanged from original construction contract with MPD)
- Summary schedule follows:



JUNE 2015 SCHEDULE SUMMARY

ID	Description	Original Duration	Start	Finish	Area	2015												2016																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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CONSTRUCTION STATUS

Track:

- Complete Through Jun 30
- Scheduled Jul-Aug 2015

OCS:

- Complete Through Jun 30

Paving:

- Complete

Stops:

- Complete
- Scheduled Jul-Aug 2015



2.2 TRACKWORK & ASSOCIATED CONSTRUCTION

- Extensive effort & coordination enabled MPD to complete the repaving, pavement marking, signage replacement, stop construction and restoration of sidewalks and bus pads on Walnut St. prior to the start of the All Star Game festivities.
- In preparation for trackwork, pavement sawcutting and removal took place on Main St., Third to Fourth Sts. and Sixth to Seventh Sts.
- Rail and trackslab concrete installation took place on Main, Third to Fourth Sts. and Sixth to Eighth Sts.
- Just prior to paving Walnut St., the bus pad between Fifth and Sixth Sts. was restored along with miscellaneous sidewalk, curb and handicapped ramp restoration from Central Parkway to Second St.
- Pavers were replaced where damaged by trenching or foundations on Walnut from Second to Ninth and at Central Parkway and around TPSS #2 (Walnut and E. Court Streets).



2.2 TRACKWORK & ASSOCIATED CONSTRUCTION PROGRESS DETAILS

AS OF JUNE 30, 2015

• Revenue Track Complete	17,390 of 18,600 ft. (93%)
• OCS Pole Foundations	276 of 317 complete (97%)
• OCS Poles	283 of 328 complete (86%)
• Traffic Signal Foundations	92 of 96 complete (96%)
• Traffic Signal Poles	89 of 95 complete (94%)
• Lane Miles Paved	Approx. 10.7 of 13.5 complete
• Station Stop platforms	14 of 18 complete
• Traction Power Substations	4 of 4 delivered
• Special Trackwork	12 of 12 switches installed



2.2 TRACKWORK & ASSOCIATED CONSTRUCTION



Main Street concrete trackwork crossing Third St.

2.2 TRACKWORK & ASSOCIATED CONSTRUCTION



Main St. trackslab crossing Third St, connecting to the bridge approach over Fort Washington Way

2.2 TRACKWORK & ASSOCIATED CONSTRUCTION



Tying the top mat of reinforcing steel for the Main St. trackslab crossing Seventh St.

2.2 TRACKWORK & ASSOCIATED CONSTRUCTION



Grinding rail welds smooth on the Main St. rail crossing Seventh St.

2.2 TRACKWORK & ASSOCIATED CONSTRUCTION



Concrete testing during the Main St. trackslab concrete placement south of Seventh St.

2.2 TRACKWORK & ASSOCIATED CONSTRUCTION



Milling and adjusting manhole castings, Walnut St.,
Third to Sixth Sts. prior to paving



2.2 TRACKWORK & ASSOCIATED CONSTRUCTION



Paving and finish rolling on Walnut St., Third to Fourth Sts.

2.2 TRACKWORK & ASSOCIATED CONSTRUCTION



Installing signage at Stop #10 at Rhinegeist Brewery

2.2 TRACKWORK & ASSOCIATED CONSTRUCTION



Brick paver sidewalk restoration on Walnut south of Fifth St. and on the median of E. Court St. adjacent to TPSS #2

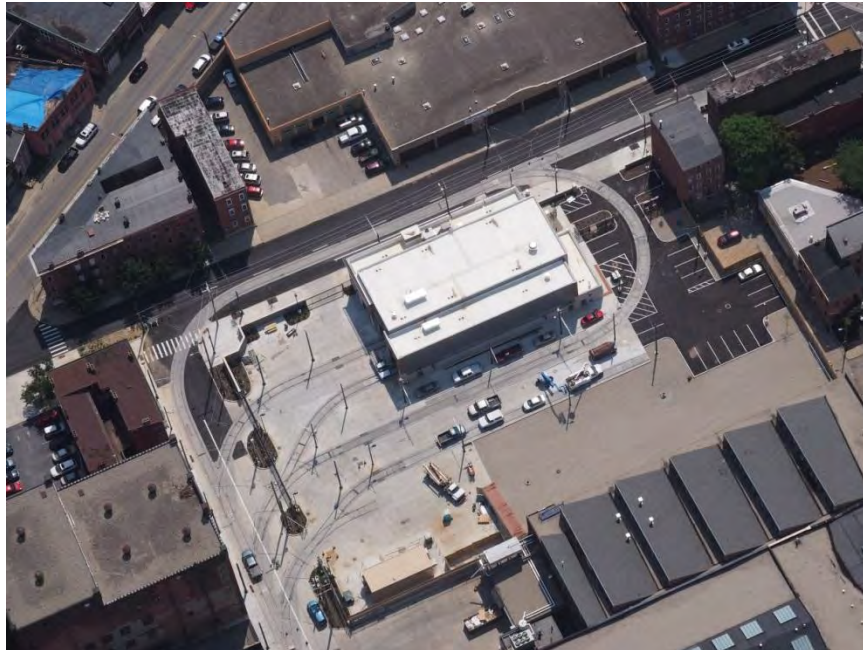
2.3 MAINTENANCE & OPERATIONS FACILITY



The MOF in the foreground with Findlay Market in the middle ground

2.3 MAINTENANCE & OPERATIONS FACILITY

- Major accomplishments in May included receiving final occupancy permit sign-off for the MOF by the City of Cincinnati Department of Buildings and Inspections.
- Closing out punch list and additional work items continued throughout June.



Arial view of the MOF in June 2015

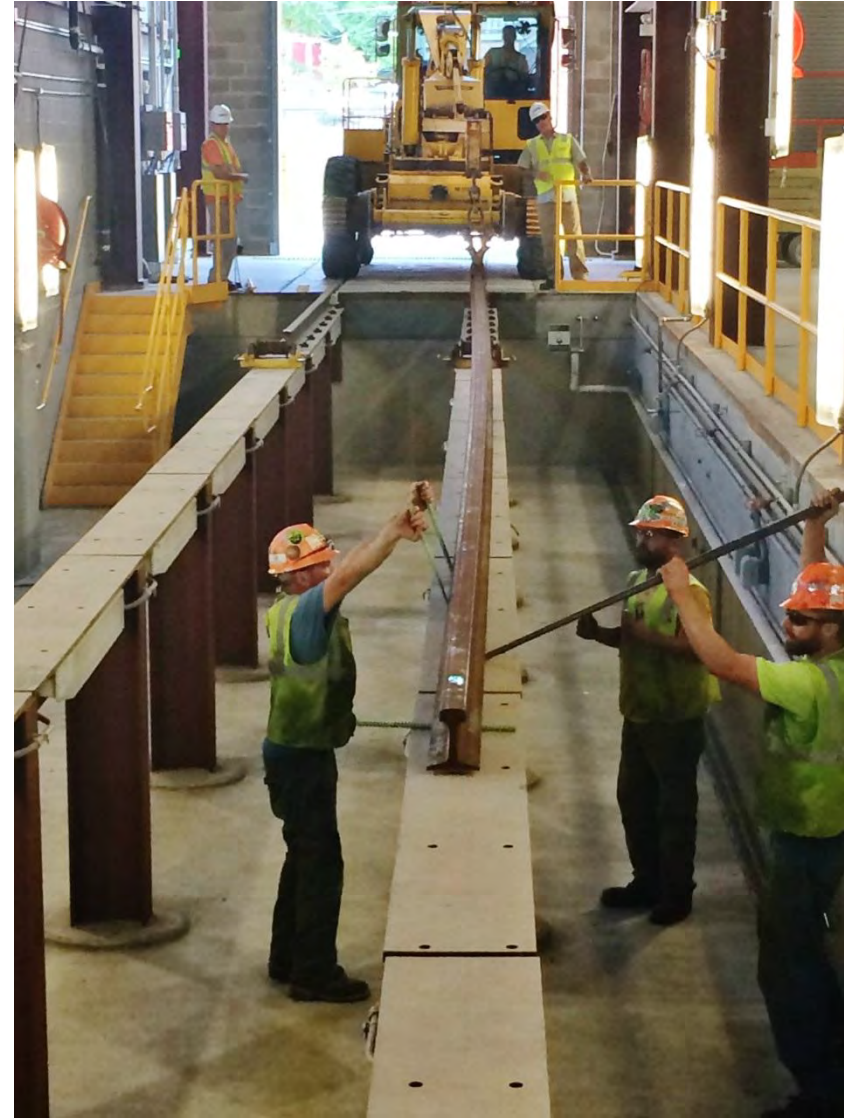


Aerial view of the MOF in foreground with Findlay Market in middle ground

<div> <div>CERTIFICATE OF OCCUPANCY</div> <div> <div>city of CINCINNATI</div> <div>PLANNING & BUILDINGS</div> </div> </div>	
Permit No. 2013P02434	Date: 06/10/2015
This is to certify that the building or structure, or portion thereof, herein described conforms substantially to the Cincinnati and Ohio Basic Building Codes, or in the case of use and/or alterations, that the work has been completed in accordance with the provisions of the approved permit.	
Scope of Certificate NEW COMMERCIAL	Code Edition 2011 OBC
Owner CITY OF CINCINNATI	
Tenant	
Location 1927 RACE ST	
Tenant Name/Suite: CITY OF CINCINNATI	
Occupancy Type STREET CAR MAINTENANCE FACILITY	
Construction Type of Building IIB	Zoning District: UM-HIST
Occupancy Load of Building or 68 Occupancy Load	
Number of Dwelling Units 0 Dwelling Units	
Suppression System Provided Y	Suppression System Required: Y
Automatic Sprinkler and Standpipe System Demand At the Base of the Riser PER PLANS	
<div>FLOOR OR SPACE</div>	
Floor No.	1 MEZZ
Primary Use Group	S-1 S-1
Live Load	250 250 0 0 0 0 0 0 0
Occupant load or	32 16 0 0 0 0 0 0 0
Dwelling Units	0 0 0 0 0 0 0 0 0
<div>FOR CHANGE OF USE ONLY</div>	
Present/Previous Occupancy:	New Occupancy:
<div>FOR SPECIAL SITUATIONS OR CONDITIONS</div>	
<div>Richard Schriewer</div> <div>Chief Building Official</div>	

MOF Certificate of Occupancy

2.3 MAINTENANCE & OPERATIONS FACILITY



Setting track in the wide pit on the trestle

2.3 MAINTENANCE & OPERATIONS FACILITY



During the MOF Punch list inspection by the City, METRO and consultants, the team reviews the rolling gate mechanism

2.4 UTILITY WORK

Utility work, including street and sidewalk is wrapping up:

- Duke Electric 99% complete
- Duke Gas 99% complete
- Cincinnati Bell 99% complete
- Water 99% complete
- Level 3 100% complete
- Chilled Water 100% complete
- Time Warner Cable 99% complete
- MSD (Sewer) 95% complete



2.4.1 CONTRACT UTILITY WORK

- Traffic control conduits and associated street and sidewalk restorations occurred on Main St. from Second to Fifth Sts., Seventh to Eighth Sts., and at E. Court St. and on Walnut from Second to Fifth Sts.
- Traffic signal work took place on Walnut from Second to Sixth Sts., Second to Sixth Sts., and on Main St. from Second to Fifth Sts., and Eighth to Central Parkway.
- Pole foundations were placed on Main St. from Third to Seventh Sts.
- OCS wire brackets and arms were installed on Twelfth St. from Main to Elm Sts.



2.4.1 CONTRACT UTILITY WORK

- Traffic signal and snowmelter cabinet work continued at locations on Race St. from Henry to Twelfth Sts.
- Crews undertook testing of TPSS #3.
- Crews returned to shelter at the station stops in the CBD to installed LED lighting.



2.2 TRACKWORK & ASSOCIATED CONSTRUCTION



Installing the LED lighting on Stop #15

2.2 TRACKWORK & ASSOCIATED CONSTRUCTION



Traffic signal modifications at E. Court and Walnut Sts.

2.2 TRACKWORK & ASSOCIATED CONSTRUCTION



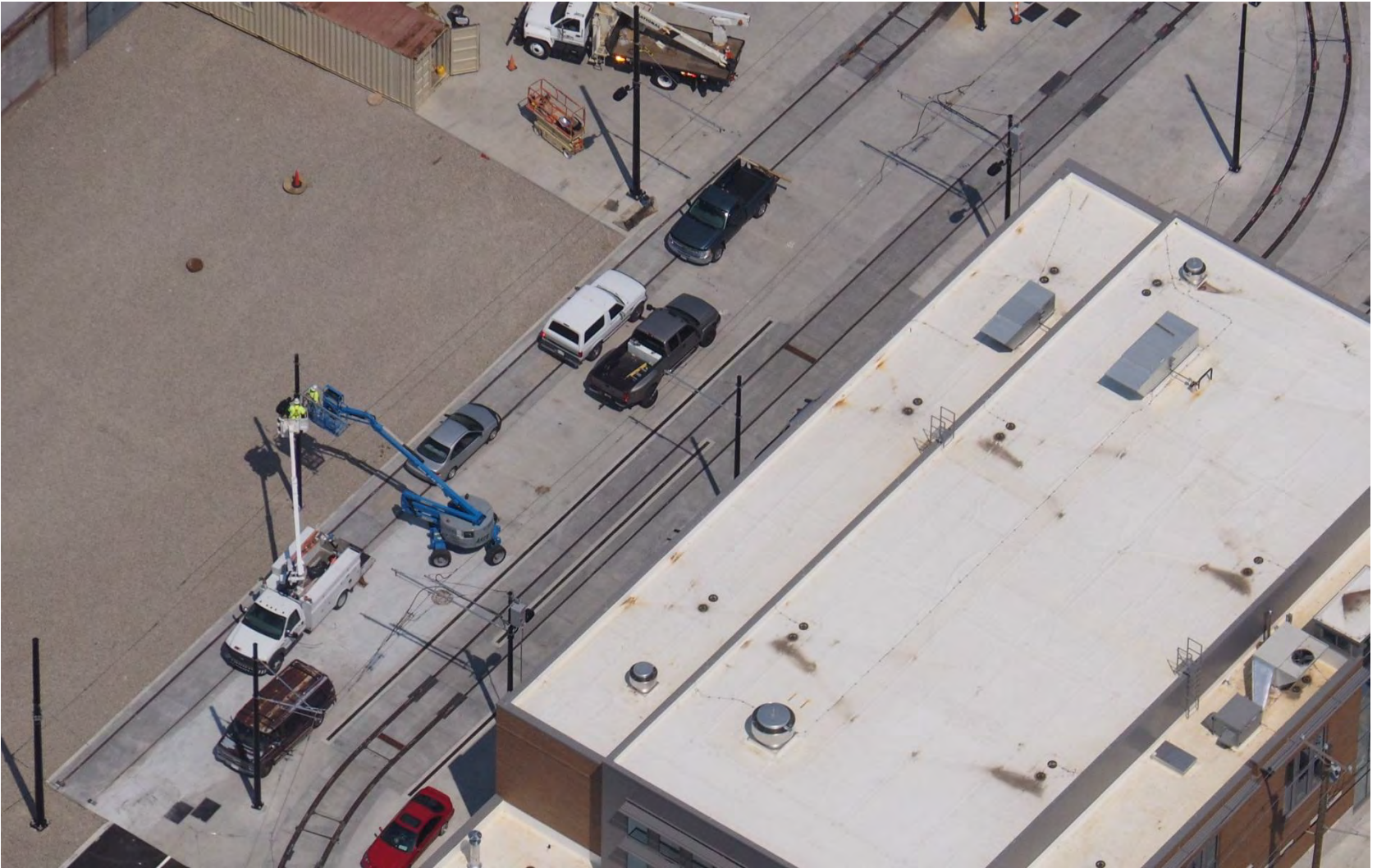
Conduit trench restoration linking the mid-block signals

2.2 TRACKWORK & ASSOCIATED CONSTRUCTION



OCS cable adjustments and finishing the concrete steps at TPSS #3

2.4.1. CONTRACT UTILITY WORK



Installing equipment on OCS poles at the MOF

2.4.2 THIRD PARTY UTILITY WORK

- Duke Energy has continued street and sidewalk restoration.
- Time-Warner continued their cleanup of their system in Over-the-Rhine
- Cincinnati Bell continued manhole adjustments in conjunction with trackwork and pulling cable in their new systems.
- All other utility companies are virtually complete except for minor restoration or casting adjustments that will occur with the street repaving operation.



2.4.2 THIRD PARTY UTILITY WORK



2.5 COMMUNITY INVOLVEMENT



Safe crossing tracks sticker on all Cincinnati Red Bikes

2.5 COMMUNITY INVOLVEMENT

- In an effort to produce as finished an appearance as possible for the multi-day All Star Game Celebration, through detailed planning MPD targeted specific contract work to be completed prior to the events. The effort produced success with all street and sidewalk restoration completed in June, a week prior to the celebrations.
- A Stakeholders Meeting was held on Wednesday at the Aronoff Center. The next session was scheduled for Wednesday July 8 at Christ Church.
- MPD undertook extensive coordination to minimize negative affects of the trackwork on Main St. and paving on Walnut St. to the Aronoff Center production schedules and other adjacent businesses and residences.
- Coordination construction continued with All Star Game Celebrations, Reds schedule, Hamilton county, The Banks, and other riverfront and CBD events.
- Presentation to Ohio Society of Professional Engineers.
- Media availability to provide information on impact of paving operations took place on site on June 11.



2.5 COMMUNITY INVOLVEMENT

- Continuing established involvement strategy:
 - Monthly Construction Stakeholders Meeting
 - Email Weekly updates
 - Media alerts for all closures or other work disrupting pedestrian or vehicular traffic
 - Business, citizens get information about street and lane closures through a variety methods:
 - Personal visit by a member of the team
 - Attendance at DCI/Police Sector Meetings
 - Streetcar Hotline: (513) 352-3333
 - Streetcar website: www.cincinnati-streetcar.com (all media and press releases)
 - Media Interviews
 - Bi-weekly coordination meetings with police, City Manager and communication personnel
 - Briefings at multiple community and business organizations



2.5 COMMUNITY INVOLVEMENT

- Continuing established involvement strategy:
 - Monthly Construction Stakeholders Meeting
 - Monthly Riverfront Joint Operations Task Force
 - Coordination meetings with All Star Game Committee
 - Social media (twitter @Cincy_Streetcar, City of Cincinnati Facebook page <https://www.facebook.com/CincinnatiStreetcarOFFICIAL>)
- Discussions continued with Queen City Bike and Red Bike Cincinnati through SORTA's Safety and Security Coordinating Committee.
- Red Bike Cincinnati deployed the safe crossing track sticker on all of their bikes.



2.6 MPD BILLINGS – JUNE 2015

Bid Form Section	Total	Prev. Incurred	May (Net ret)
Behind the Curb Work	\$1,456,894	\$53,503	\$4,187
Central Parkway Median	\$116,455	\$118,106	\$0
Civil, Roadway and Drainage	\$10,445,950	\$8,218,558	\$349,002
Communication System	\$1,228,959	\$214,561	\$0
Corrosion Control	\$354,682	\$266,012	\$17,734
Misc. Items	\$5,075,000	\$3,913,329	\$20,610
MOF Civil and Track	\$3,170,177	\$3,083,952	\$849
MOF	\$8,744,492	\$8,437,198	\$0
OCS Mainline	\$5,502,798	\$3,952,330	\$314,513
Signal System Streetcar	\$669,588	\$511,968	\$62,529
Streetcar Stop Shelters and Sitework	\$2,243,714	\$1,426,814	\$88,117
Trackwork on Grade	\$13,018,686	\$11,591,215	\$756,461
Trackwork on Structures	\$2,950,663	\$2,654,431	-\$95,111
Traction Power	\$6,566,003	\$5,505,692	\$131,372
Traffic Signals and Lighting	\$4,793,179	\$3,270,085	\$471,862
Water Main - Main Street	\$2,508,352	\$2,385,966	\$0
Water Main - Walnut Street	\$2,046,457	\$1,780,106	\$0
CO#1	\$492,933	\$173,979	\$0
CO#2	\$100,000	\$52,861	\$0
CO#3	\$359,745	\$455,250	\$7,000
CO#4	\$265,211	\$78,760	\$91,754
CO#5	\$637,108	\$637,108	\$0
CO#6	\$313,782	\$128,782	\$0
CO#7	\$67,630	\$62,984	\$0
CO#8	\$19,974	\$168,066	\$0
Totals:	\$73,148,433	\$59,141,616	\$2,220,880

3.0 VEHICLES

- 4 carshell bodies have arrived in Elmira in various stages of production
 - 3 carshells fully assembled
 - 4th carshell awaiting assembly
- Some recent tests/inspections have identified deficiencies requiring modifications and/or additional test activities
 - Friction brake qualification testing – dynamometer test scheduled for Aug. 3
 - HVAC Shock & Vibration test – June retest successful after initial failure
 - Open items are being closed, mods to initial units to be performed
 - Truck FAI – Open items in process
 - Friction brake Dyno test is critical
 - Window glass distortion
- These could impact delivery schedule
 - Latest CAF schedule still shows delivery of Unit #1 in September 2015. Anecdotal CAF estimates show delivery approx. 4 weeks behind.
 - CAF is working to recover time in schedule
 - City, LTK to visit Elmira plant July 19-22



3.1 VEHICLE SCHEDULE

- Time lost in testing and correcting deficiencies could impact delivery schedule
 - Latest CAF schedule still shows delivery of Unit #1 in September 2015 but reports from the City's LTK inspector at the plant does not support that contractual milestone being attained.
 - CAF is working to recover time in schedule
- City and LTK continue to closely monitor CAF's performance and to work with CAF to recover time in the schedule where possible. Significant delays could impact the revenue service date or result in costs affecting the project budget.

Milestone	Contractual Late Date
Delivery of 1 st Car	September 17, 2015
Delivery of 2 nd Car	October 17, 2015
Delivery of 3 rd Car	November 17, 2015
Delivery of 4 th Car	November 17, 2015
Delivery of 5 th Car	December 17, 2015

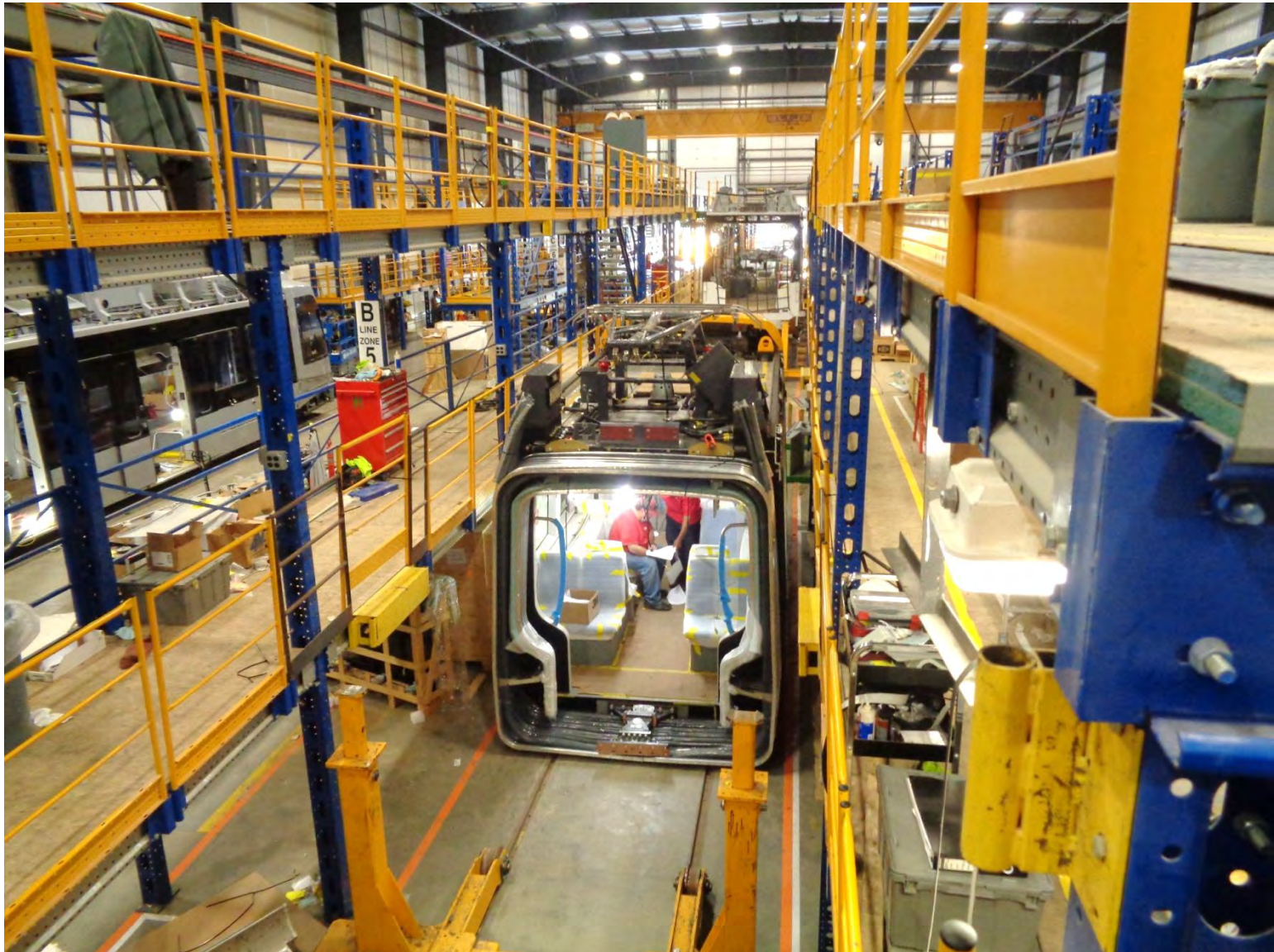


3.2 DESIGN & PRODUCTION ACTIVITIES



Installing HVAC units on Car #1

3.2 DESIGN & PRODUCTION ACTIVITIES



Production and testing work on car #2

3.2 DESIGN & PRODUCTION ACTIVITIES



Installing the bellows and preparing sections of car #2 for coupling

3.2 DESIGN & PRODUCTION ACTIVITIES



Car #2 assembly and testing in the mezzanine production area

3.2 DESIGN & PRODUCTION ACTIVITIES



Car #1 weighing and balancing after trucking

3.2 DESIGN & PRODUCTION ACTIVITIES



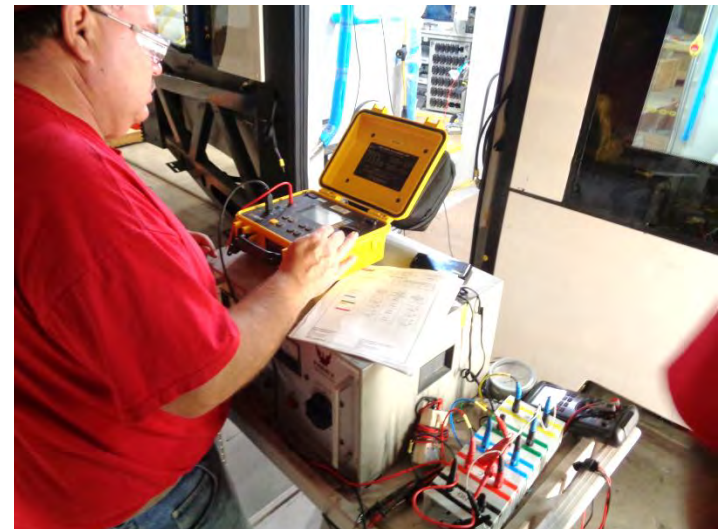
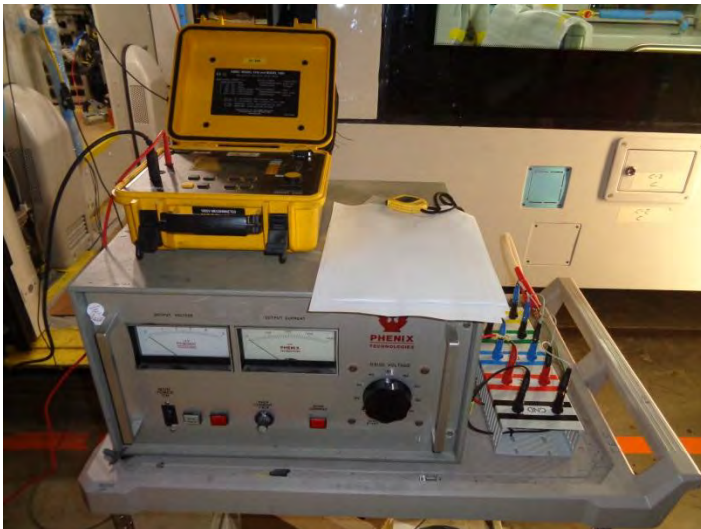
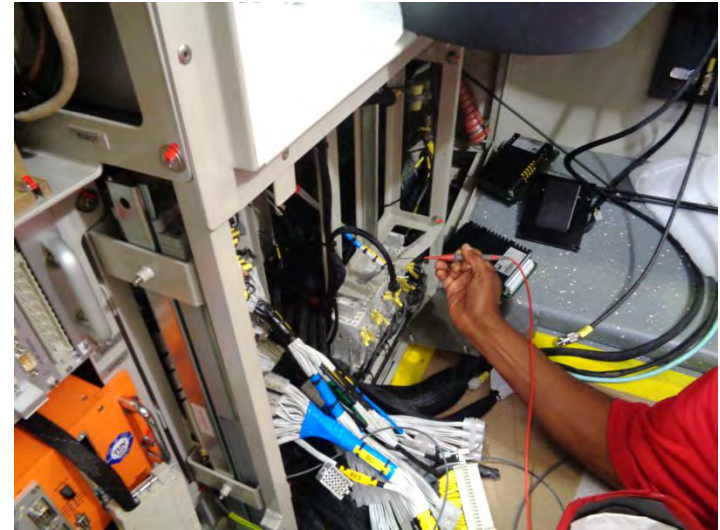
Car #2 leak test

3.2 DESIGN & PRODUCTION ACTIVITIES



Electrical systems testing on Car #1

3.2 DESIGN & PRODUCTION ACTIVITIES



Electrical systems testing on Car #1

4.0 BUDGET & EXPENDITURES

- Through June 30, 2015:
 - \$91,371,371.97 has been expended on the project (not including Duke escrow)
 - \$36,648,155.30 remains encumbered against open contractual obligations on the project
- Major Contract Activity:
 - Eight change orders to the MPD construction contract have been issued totaling \$2,256,383.35
 - Two change orders to the CAF vehicle contract have been issued totaling \$0
 - See Appendix A for breakout of Contingency Usage



BUDGET VS. EXPENSES

THROUGH 6/30/15

BUDGET - June 2013		EXPENSES 6/30/2015		
Budget Category	Base + Allocated Contingency	Expended	Encumbered	Expend. + Encumb.
Pre-Development	\$ 1,313,786.00	\$ 1,264,628.13	\$ 49,157.87	\$ 1,313,786.00
Design	\$ 14,598,719.00	\$ 14,313,044.86	\$ 19,571.85	\$ 14,332,616.71
Real Estate	\$ 2,010,143.00	\$ 2,011,186.00	\$ -	\$ 2,011,186.00
Construction	\$ 52,511,908.33			
MOF	\$ 11,914,668.98			
Utilities (Project)	\$ 6,958,405.62	\$ 57,663,246.06	\$ 13,721,736.87	\$ 71,384,982.93
Utilities (3rd Party)	\$ 6,225,065.37	\$ 2,574,494.38	\$ 3,092,363.76	\$ 5,666,858.14
Vehicles	\$ 25,213,095.40	\$ 6,920,947.19	\$ 17,030,973.31	\$ 23,951,920.50
Fare Vending	\$ 550,000.00	\$ -	\$ -	\$ -
City Project Administration	\$ 4,441,476.27	\$ 2,974,247.57	\$ -	\$ 2,974,247.57
SORTA Project Administration	\$ 2,100,000.00	\$ 993,846.10	\$ 1,006,153.90	\$ 2,000,000.00
Start-up	\$ 250,000.00	\$ -	\$ -	\$ -
Unallocated Contingency	\$ 4,991,010.00	\$ 2,655,731.68	\$ 1,728,197.74	\$ 4,383,929.42
Subtotal	\$ 133,078,277.97	\$ 91,371,371.97	\$ 36,648,155.30	\$ 128,019,527.27
Utilities (Duke Escrow)	\$ 15,000,000.00	\$ 15,000,000.00	\$ -	\$ 15,000,000.00
Grand Total	\$ 148,078,277.97	\$ 106,371,371.97	\$ 36,648,155.30	\$ 143,019,527.27

* Construction Expenditures include \$2.95 Million in unreleased retainage on MPD contract .
Vehicle Expenditures include \$256,465 in unreleased retainage on CAF contract

CONTINGENCY USAGE SUMMARY

THROUGH 7/2/15

Through:	July 2, 2015				
Budget Category	Contingency Budget	Completed Contingency Uses	Pending Contingency Uses	Estimated Contingency Uses	Contingency Remaining
ALLOCATED CONTINGENCY					
Pre-Development	\$ -	\$ -			\$ -
Design	\$ 202,370.96	\$ -			\$ 202,370.96
Real Estate	\$ -	\$ -			\$ -
Construction					
MOF	\$ 2,000,000.00	\$ 1,359,248.32	\$ 169,061.00	\$ -	\$ 471,690.68
Utilities (Project)					
Utilities (3rd Party)	\$ 77,207.23	\$ -			\$ 77,207.23
Vehicles	\$ 2,101,722.40	\$ 977,100.75			\$ 1,124,621.65
Fare Vending	\$ 50,000.00	\$ -			\$ 50,000.00
City Project Administration	\$ 190,800.63	\$ -	\$ 190,800.63		\$ -
SORTA Project Administration	\$ 100,000.00	\$ -			\$ 100,000.00
Start-up	\$ -	\$ -			\$ -
Subtotal	\$ 4,722,101.22	\$ 2,336,349.07	\$ 359,861.63	\$ -	\$ 2,025,890.52
UNALLOCATED CONTINGENCY					
Unallocated Contingency		\$ 1,385,418.50		\$ 330,000.00	
Construction		\$ 1,763,450.35		\$ 988,830.00	
City Project Administration	\$ 4,991,010.00		\$ 977,436.10		\$ (1,063,073.26)
Design		\$ 608,948.31			
Subtotal	\$ 4,991,010.00	\$ 3,757,817.16	\$ 977,436.10	\$ 1,318,830.00	\$ (1,063,073.26)
Utilities (Duke Escrow)	\$ -				\$ -
Grand Total	\$ 9,713,111.22	\$ 6,094,166.23	\$ 1,337,297.74	\$ 1,318,830.00	\$ 962,817.26

4.1 FEDERAL GRANT ACTIVITY

- Through June 30, 2015:
 - \$33,698,870 has been drawn (or submitted for draw) on the \$45.2 million in federal grants.
 - Approximately 75% of the federal grants have been drawn
 - Two of the four federal grants have been closed out: CMAQ and SORTA Rail ROW



GRANT DRAWDOWN SUMMARY

Through 6/30/15

SOURCE	GRANT NUMBER	ALI CODE	Description	FEDERAL SHARE			
				Authorized	Drawn	Pending	Amount Remaining
Urban Circulator	OH-03-0303	12.79.00	City Project Admin.	\$ 1,453	\$ 1,453	\$ -	\$ -
		12.79.00	SORTA Project Admin.	\$ 1,388,545	\$ 814,777		\$ 573,768
		12.23.03	Construction	\$ 7,600,000	\$ 7,600,000	\$ -	\$ (0)
		12.13.20	Vehicles	\$ 16,000,000	\$ 5,302,686		\$ 10,697,314
Subtotal				\$ 24,989,998	\$ 13,718,916	\$ -	\$ 11,271,082
CMAQ	OH 95-X054	12.23.03	Construction	\$ 4,000,000	\$ 4,000,000		\$ -
Subtotal				\$ 4,000,000	\$ 4,000,000	\$ -	\$ -
Rail ROW Grant	OH-90-X265	13.73.00	Contingency	\$ 268,278	\$ 268,278		
Subtotal				\$ 268,278	\$ 268,278	\$ -	\$ -
TIGER 3	OH 79-0002	12.79.00	City Project Admin.	\$ 154,545	\$ 154,545	\$ -	\$ (0)
		12.79.00	SORTA Project Admin	\$ 211,453	\$ 3,130		\$ 208,323
		12.23.03	Construction	\$ 15,554,000	\$ 15,554,000		\$ (0)
Subtotal				\$ 15,919,998	\$ 15,711,676	\$ -	\$ 208,322
TOTAL				\$ 45,178,274	\$ 33,698,870	\$ -	\$ 11,479,404

•*Drawn + Pending* = 74.6% of Federal grant funds

5.0 JOB SITE SAFETY

- Bansal Construction was recognized as the Safe Contractor of the Month in June.
- All on-site workers received project stickers and safety vests to identify them as part of the project team following their orientation.
- No lost time accidents were reported in June.
- Most minor incidents continue to involve utility damage because of miss-marked or un-marked facilities. Old street-lighting conduits are a particular problem.
- The Team has continued to work with Ohio Utility Protection Service (OUPS) and the Department of Public Services to insure up to date information and careful excavation by the contractors, both MPD and Third Party Utility Companies.



5.0 JOB SITE SAFETY

- Safety Oriented-To date: 829
- Safety Oriented-June: 20
- Safety Orientations-June: 6
- Total man-hours worked to date: 248,658
- Total man-hours worked without a lost time accident: 147,359
- Lost Time Accidents-To date: 3
- Lost Time Accidents-June: 0
- Incidents-To date: 139
- Incidents-June: 10



5.0 JOB SITE SAFETY



Bansal Construction, Safe Contractor of the Month

6.0 SORTA ACTIVITIES

6.1 Operations & Maintenance

- Final negotiations for RFP 43-14 Streetcar Operations and Maintenance (O&M) Services were concluded on June 2 with a final selection committee meeting on June 3.
- The final pricing for the selected vendors for the Turnkey and the Management contract approaches were used to develop a full streetcar operations budget which included contractor costs, SORTA costs and overhead and City of Cincinnati support costs for all of the respective responsibilities under the operating agreement.
- The SORTA Rail Activation Committee meetings focused on the onboarding of the contractor and ensuring that all required SORTA responsibilities are in-place.
- SORTA and the City continue to meet regarding procedures for budgeting and billing.



6.0 SORTA ACTIVITIES

6.2 Fare Equipment

- Amendment #6 to the Streetcar Intergovernmental Agreement between SORTA and the City was executed and all orders for equipment were placed.
- The Ticket Vending Machines have been ordered from SPX/GFI and delivery is scheduled for October 2015.
- SORTA will establish an equipment lab in the Bond Hill facility to test and commission the TVM units prior to installation.
- Installation on the streetcar platforms is anticipated for March of 2016.



6.0 SORTA ACTIVITIES

6.3 Streetcar Vehicle Equipment

- CAF USA (the Streetcar vehicle manufacturer) continues through production. SORTA is working with CAF to determine the testing and commissioning logistics requirements, schedule and plan.
- The SORTA contract with Delta Manufacturing for the provision of a Wheel Truing Machine (WTM) continues with design for integration of the WTM into the maintenance facility finalized. SORTA anticipates delivery of the machine to Cincinnati for installation into the MOF in late August 2015.



6.0 SORTA ACTIVITIES

6.4 Safety & Security Certification

- Weekly Safety and Security Review Committee (SSRC) meetings were held in June. In addition to continued resolution of issues, efforts were focused on public communications outreach and coordination of safety communications between the City and SORTA.
- CAF transmitted the “RAMS” documentation required for the safety and security vehicle design audit. SORTA and consultants will review prior to conducting the audit.



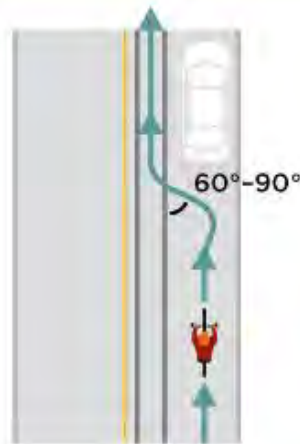
6.4 SAFETY & SECURITY CERTIFICATION

THE RIGHT ANGLE IS THE BEST ANGLE

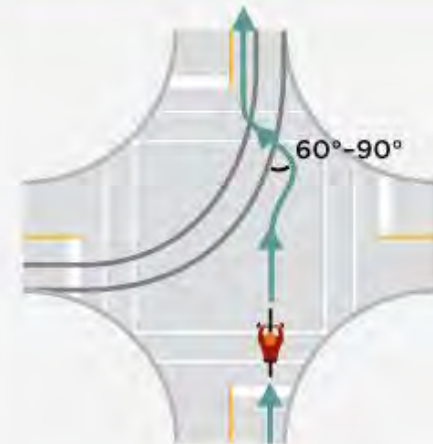
Always slow down and cross streetcar tracks at a **60°-90°** angle. Crossing incorrectly can result in your front tire sliding on the rail or getting stuck in the gap next to the rail, which can cause you to fall from your bicycle.



Turning Across the Track



Changing Lanes
Next To Track



Crossing Curved Track

In order to cross at the right angle, you may need to turn a little away from the track first, and then cross it. Make sure to slow down first, look behind you, and signal if appropriate.

If you are not comfortable riding over the tracks (because there are multiple tracks at an intersection, difficult track angles, or because of traffic) pull over to the curb, dismount and cross the intersection as a pedestrian.

Streetcar tracks become more slippery when wet. Use caution riding in the rain or in winter weather.



6.4 SAFETY & SECURITY CERTIFICATION



Look up! Look out!

The Cincinnati Streetcar is powered by an overhead contact system (OCS) that consists of high-voltage wires located 20 feet above the street to prevent contact by anything other than the streetcar vehicles.

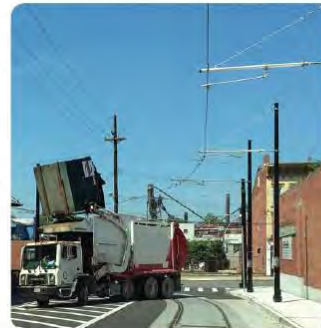


IMPORTANT: This is a high-voltage electrical system.

- For safety's sake, always assume that the electric is ON.
- Stay at least 10 feet away from the overhead streetcar wires.
- In case of emergency, call 911 immediately.

Use **extreme caution** when doing any of the following along the streetcar route:

- **Deliveries to upper floors of buildings** -- using lifts, jacks or other raised-platform equipment
- **Chutes or throwing debris out of windows** -- removing construction debris from upper floors of buildings to dumpsters below
- **Scaffolding, ladders, lifts, etc.** -- washing windows, painting, roofing or doing other maintenance work
- **Wired equipment on upper floors** -- installing cable or satellite television, telecommunications, alarm systems, etc.
- **Front-loading fork trucks** -- emptying trash dumpsters
- **Mast antenna** -- media trucks



You may need a Right-of-Way (ROW) Permit from the City of Cincinnati.

To obtain a ROW Permit from the City or ask permit-related questions, contact:

DOT ROW Management Office, 801 Plum St., Suite 425, Cincinnati, OH 45202
513-352-3463, 513-352-5397 (fax)
Monday to Friday, 8 a.m. to 4 p.m.



www.facebook.com/CincinnatiStreetcarOFFICIAL



[@cincy_streetcar](https://twitter.com/cincy_streetcar)



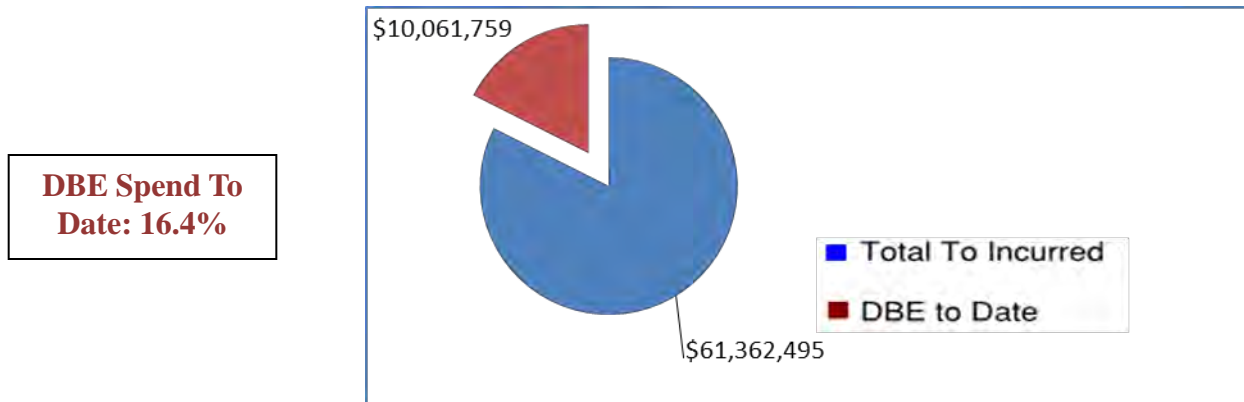
www.cincinnatistreetcar.com



Streetcar Construction Hotline 513-352-3333



7.0 DBE & INCLUSION



- MPD reports a DBE Spend To Date: 16.4%, up from May, but below the target of 18%.
- The City will continue to monitor MPD's reporting and performance against the DBE goal and seek ways to maximize DBE spending.
- The City held a special meeting in June with senior officials from MPD to emphasize the importance of them meeting their target.
- MPD reports that work could still on track to meet the DBE sub-contracting goal of 18% at the time of final billing. but the tallying of final quantities may show them below their goal

7.0 DBE & INCLUSION

7.1 Workforce Inclusion Compliance

- City requirements under the contract establish workforce inclusion goals for MPD as well. The City requirements establish inclusion goals for the contractor's aggregate workforce in Hamilton County throughout the term of the contract. The chart below summarizes hours worked on the contract (Actual) as well as the countywide workforce inclusion goals (Goal):

Minority & Female Utilization		
	<u>Actual</u>	<u>Goal</u>
Minority Hours	18.4%	11.9%
Female Hours	3.9%	6.9%
Minority Female	67.0%	50.0%

8.0 FEDERAL OVERSIGHT ACTIVITIES

- All activities undertaken by the project have to date met Federal Transit Administration rules and regulations.
- The City and SORTA each have responsibility for ensuring that the project adheres to FTA guidelines governing such areas as procurement, project management, financial management, operations and maintenance, Buy America, and safety and security certification.
- Project staff responded to various requests for information from FTA and the PMOC throughout the reporting period.
- The Quarterly Review Meeting took place in Chicago on June 4, 2015, with participation by the FTA Regional Office personnel, the PMOC, SORTA, and the City. No new significant work items were identified.
- The next monthly meeting/teleconference was set for July 14, 2015.



Appendix B
Change Orders, Contingency Allocations

Through: July 2, 2015

ID	Budget Category	Source	Contract	Contingency Usage Type	Contingency Usage #	Date	Description	Status	AMOUNT (7/2/15)
1	Construction	Base	MPD	Change Order	1	8/2/2013	Labor, bonding, and materials costs associated with delay in contract NTP date.	Complete	\$ 492,933.00
2	Construction	Unallocated Contingency	MPD	Change Order	2	1/14/2014	Delay costs appropriated by City Council for Council-mandated "pause"	Complete	\$ 100,000.00
3	Construction	Unallocated Contingency	MPD	Change Order	3	1/28/2014	Adds for additional potholing and prevailing wage; credits for sewer manhole redesign and removal of communication conduits	Complete	\$ 359,745.00
4	Construction	Allocated Contingency	MPD	Contingency Allocation	1	11/8/2013	Empty conduit crossings; non-perform test station	Complete	\$ 15,791.64
5	Construction	Allocated Contingency	MPD	Contingency Allocation	2	11/8/2013	GCWW field conditions	Complete	\$ 3,571.00
6	Construction	Allocated Contingency	MPD	Contingency Allocation	3	12/30/2013	Mortar for granite pavers	Complete	\$ 6,825.00
7	Construction	Allocated Contingency	MPD	Contingency Allocation	4	12/30/2013	Additional abatement at MOF site	Complete	\$ 32,290.65
8	Construction	Allocated Contingency	MPD	Contingency Allocation	5	1/30/2014	Cast iron detectable warning; add. Geopiers; dielectric membrane; MOF conditions, others	Complete	\$ 31,309.00
9	Unallocated Contingency	Unallocated Contingency	Thelen	Certification	N/A	10/21/2013	Materials testing	Complete	\$ 108,594.50
10	Unallocated Contingency	Unallocated Contingency	KPMG	Certification	N/A	12/11/2013	City Council-mandated audit costs	Complete	\$ 250,000.00
11	Unallocated Contingency	Unallocated Contingency	Transystems	Certification	N/A	8/30/2013	Schedule review support	Complete	\$ 60,728.00
12	Construction	Unallocated Contingency	MPD	Change Order	4	4/7/2014	Revised underground conduit crossings: revised OCS poles; revised Trapeze allowance; MOF vehicle APS changes;	Complete	\$ 265,211.25
13	Construction	Unallocated Contingency	MPD	Change Order	5	4/21/2014	City Council-mandated Delay Claim	Complete	\$ 637,108.00
14	Design	Unallocated Contingency	PB	Certification	N/A	8/25/2014	Additional construction support work needed	Complete	\$ 608,948.31
15	Construction	Unallocated Contingency	MPD	Change Order	6	7/22/2014	Water Works design changes	Complete	\$ 313,782.44
16	Construction	Allocated Contingency	MPD	Contingency Allocation	6	4/24/2014	Misc. MOF mods, telecomm conduit for MOF, GCWW force acct., Cent. Pkwy. Irrigation	Complete	\$ 79,870.00
17	Construction	Allocated Contingency	MPD	Contingency Allocation	7	5/9/2014	WTM conduit; Findlay dielectric membrane; Elm St. mill	Complete	\$ 52,503.00
18	Unallocated Contingency	Unallocated Contingency	Transystems	Certification	N/A	7/22/2014	Task 4 - Schedule review support through MOF completion	Complete	\$ 68,854.00
19	Unallocated Contingency	Unallocated Contingency	Duke Energy	Certification	N/A	7/31/2014	Electrical service installation costs	Complete	\$ 200,000.00
20	Construction	Allocated Contingency	MPD	Contingency Allocation	8	7/22/2014	basement encroachment, cellar door, GCWW force acct., manhole mods	Complete	\$ 130,151.00
21	Construction	Allocated Contingency	MPD	Contingency Allocation	9	10/1/2014	various MOF, sewer, GCWW , other revisions,	Complete	\$ 301,038.40
22	Construction	Allocated Contingency	MPD	Contingency Allocation	10	11/17/2014	Contingency Allocation #10	Complete	\$ 210,137.50
23	Unallocated Contingency	Unallocated Contingency	DELTA Mfg.	Certification	N/A	11/17/2014	Wheel Truing Machine	Complete	\$ 606,000.00
24	Construction	Allocated Contingency	MPD	Contingency Allocation	N/A	TBD	Submitted ECI's from MPD	Pending	\$ 119,061.00
25	Construction	Allocated Contingency	MPD	Contingency Allocation	N/A	TBD	Estimated ECI's from MPD	Pending	50,000.00
26	Construction	Allocated Contingency	MPD	Contingency Allocation	N/A	TBD	TPSS# 2 and 3 screenwall changes	Estimated	
27	Construction	Unallocated Contingency	MPD	Change Order	N/A	TBD	Spare Switch Points	Estimated	\$ 40,000.00
28	Construction	Unallocated Contingency	MPD	Change Order	N/A	TBD	MOF Cameras and Alarm?	Estimated	200,000.00
29	City Project Administration	Unallocated Contingency	City	Certification	N/A	TBD	City- Additional Staff Time	Pending	\$ 977,436.10
30	City Project Administration	Allocated Contingency	City	Certification	N/A	TBD	City- Additional Staff Time	Pending	190,800.63
31	Construction	Unallocated Contingency	MPD	Change Order	N/A	TBD	MOF Telecomm wiring	Estimated	
32	Construction	Allocated Contingency	MPD	Contingency Allocation	N/A	TBD	Ford Force Account	Estimated	
33	Vehicles	Allocated Contingency	LTK	Certification	N/A	TBD	LTK - Additional Staff Time	Complete	977,100.75

Appendix B
Change Orders, Contingency Allocations

Through: July 2, 2015

ID	Budget Category	Source	Contract	Contingency Usage Type	Contingency Usage #	Date	Description	Status	AMOUNT (7/2/15)
34	Unallocated Contingency	Unallocated Contingency	Duke Energy	Certification	N/A	TBD	Duke hookup costs	Estimated	\$ 130,000.00
35	Construction	Unallocated Contingency	MPD	Change Order	N/A	TBD	Additional Quantities Needed	Estimated	\$ 525,000.00
36	Unallocated Contingency	Unallocated Contingency	TBD	Certification	N/A	TBD	Misc. MOF fit out needs, WTM mods	Estimated	\$ 200,000.00
37	Construction	Unallocated Contingency	TBD	Certification	N/A	TBD	Bike Racks, pervious concrete	Estimated	
38	Unallocated Contingency	Unallocated Contingency	Transystems	Certification	Task 5	2/12/2015	Schedule review support Task 5	Complete	\$ 71,242.00
39	Construction	Allocated Contingency	MPD	Contingency Allocation	11	1/7/2015	Partial depth repair, handrail on Race, misc. items	Complete	\$ 56,592.02
40	Construction	Unallocated Contingency	MPD	Change Order	7	3/18/2015	Lifting Jacks settlement, Owner-supplied Equipment mod., TPSS negative drainage conduit	Complete	\$ 67,630.00
41	Construction	Unallocated Contingency	MPD	Change Order	TBD	TBD	Station Stop mods for TVM installation	Estimated	\$ 180,000.00
42	Unallocated Contingency	Unallocated Contingency	TBD	TBD	TBD	TBD	12th & Race Overhead Light modification	Estimated	
43	Construction	Unallocated Contingency	MPD	Change Order	8	3/20/2015	TPSS Screenwall changes	Complete	\$ 19,973.66
44	Construction	Allocated Contingency	MPD	Contingency Allocation	12	TBD	MOF prox readers, wayside power changes Ford FA, Type 3 waterproofing, other misc. field issues	Complete	\$ 267,924.00
45	Unallocated Contingency	Unallocated Contingency	Thelen	Certification	N/A	3/24/2015	Additional materials testing	Complete	\$ 20,000.00
46	Construction	Unallocated Contingency	MPD	Change Order	N/A	TBD	Central Parkway /Walnut OCS conflicts	Estimated	\$ 20,000.00
47	Construction	Unallocated Contingency	MPD	Contingency Allocation	N/A	TBD	Traffic Boom Arm Bolt Pattern conflict	Estimated	\$ 23,830.00
48	Construction	Allocated Contingency	MPD	Contingency Allocation	13	TBD	special concrete finsihing on Main, wayfinding on 2nd, MOF tread ladder, Oil./Water separator, additional sewer manhole, ped pole mods, Ford FA through Jan 2015	Complete	\$ 120,408.11
49	Construction	Allocated Contingency	MPD	Contingency Allocation	14	TBD	capped manhole, utility conflict modification, subway OCS survey, Ford FA, various MOF design errors, shelter damage	Complete	\$ 50,837.00